

Work Order ID 110233

\*110233\*

Page 1

March 13-14 8:05:51 AM

Item ID: D206-559-011

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Bearpaw

Start Date: 12/17/13 Start Qty: 1.00 \*1\*

Cust Item ID:

Required Date: 12/17/13 Req'd Qty: 1.00 \*1\*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-12-17 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9527	rev A
IIN-D206-559	rev L

100	Document Control	0.00							
*100*	DOCUMENT CONTROL								
DC	Memo <u>11.10.</u>	0.00							
Doc.Control -USB or Paperwork		Photocopy bluefile and create labels per PPPD206-559-011 CHG007							

DAS  
06  
9-89

MAR 13 2014

MLJ 14-03-13

160	Pick Kit	0.00							
-----	----------	------	--	--	--	--	--	--	--

*160*									
Packaging	Memo	0.00							
Packaging									

DAS  
28  
9-89

14-03-13

DAS  
31  
9-89

Work Order ID 110233

\*110233\*

Page 2

March-13-14 8:05:51 AM

Item ID: D206-559-011

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Bearpaw

Start Date: 12/17/13

Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 12/17/13

Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool # Plan  
Code  
MAR 13 2014Accept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

170

QC4- 100% Inspect kits for completeness

0.00

\*170\*

QC

Memo

0.00

DAS  
06  
9-89

Quality Control

180

Packaging

0.00

\*180\*

Packaging

Memo

0.00

Identify and pack for shipping as per PPPD206-559-011  
Location: 013DAS  
06  
9-89

MAR 13 2014

Packaging

190

QC21- Final Inspection - Work Order Release

0.00

\*190\*

QC

Memo

0.00

Quality Control

MLJ 14-03-14

MF  
14-3-13

# Picklist Print

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Work Order ID: 110233

\*110233\*

Parent Item: D206-559-011

\*D206-559-011\*

Parent Item Name: Bearpaw

Start Date: 12/17/13

Required Date: 12/17/13

Start Qty: 1.00

Required Qty: 1.00

## Comments:

IPP Rev: C04.02.17 Blank size changed KJ/JLM  
 IPP Rev: D 07-01-02 Was K10007 JLM  
 IPP Rev: E 08-05-05 up a chg DD verified by: EC  
 IPP Rev: F 08-10-15 New Manufacturing Method JLM Verified  
 By: EC IPP Rev G 10.10.04 per DSI9527 EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-17A *AN4-17A* Bolt	DAS 06 9-89	Purchased	No			160	Each	486.0000	8	8		DAS 28 9-89	14-03-13
<div>Location</div> <div>Loc Qty</div> <div>Loc Code</div>													
ST515 486													
M127817 486													
AN4-20A *AN4-20A* Bolt		Purchased	No			160	Each	787.0000	8	8		DAS 28 9-89	
<div>Location</div> <div>Loc Qty</div> <div>Loc Code</div>													
ST357 226													
124215 12													
m126193 214													
ST358 61													
116419 61													
ST516 500													
m127290 250													
m128429 250													
D2182B *D2182B* Seal (\$Per Foot)	DAS 06 9-89	Manufactured	No			160	f	142.2300	1.666	2		DAS 28 9-89	
<div>Location</div> <div>Loc Qty</div> <div>Loc Code</div>													
ST412 142.23													
101827 1													
108914 141.23													

DAS  
06  
9-89

DAS  
06  
9-89

cut at per Kit

# Picklist Print

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Work Order ID: 110233

**\*110233\***

Parent Item: D206-559-011

**\*D206-559-011\***

Parent Item Name: Bearpaw

Start Date: 12/17/13

Required Date: 12/17/13

Start Qty: 1.00

Required Qty: 1.00

D2274

Manufactured No

160

Each

363.0000

8 8

**\*D2274\***

Radius Block

\*\*

DAS  
28  
9-89

14-03-13

DAS  
06  
1-89

Location

Loc Qty

Loc Code

FG

12

86855

12

ST008

351

109534

348

110264

3

8X

DAS  
31  
9-89

D2435

Manufactured No

160

Each

3.0000

2

**\*D2435\***

Bearpaw

\*\*

DAS  
28  
9-89

DAS  
06  
9-89

Location

Loc Qty

Loc Code

ST269

3

B110388

DAS  
31  
9-89

D2438

Manufactured No

160

Each

4.0000

4

**\*D2438\***

Clamp

\*\*

DAS  
28  
9-89

DAS  
06  
9-89

Location

Loc Qty

Loc Code

ST456

4

113406

4

4X

DAS  
31  
9-89

D2529

Manufactured No

160

Each

383.0000

8

**\*D2529\***

Washer

\*\*

DAS  
28  
9-89

DAS  
06  
9-89

Location

Loc Qty

Loc Code

ST011

383

109580

19

110318

364

8X

DAS  
31  
9-89

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Shop Packet Print

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# Picklist Print

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WorkOrder ID: 110233

\*110233\*

Parent Item: D206-559-011

\*D206-559-011\*

Parent Item Name: Bearpaw

Start Date: 12/17/13

Required Date: 12/17/13

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

160

Each

5,365.000

8

\*MS21042L4\*

Locknut

\*\*

DAS  
28  
9-89

14-03-13

DAS  
06  
9-89

## Location

## Loc Qty

## Loc Code

ST314

32

m126275

32

ST509

5322

m127255

374

m127813

1948

m128300

3000

ST518

11

m127376

11

8x

DAS  
31  
9-89

NAS1149D0463J

Purchased

No

160

Each

4,073.000

16

\*NAS1149D0463J\*

WASHER

\*\*

DAS  
28  
9-89

## Location

## Loc Qty

## Loc Code

ST294

450

M127693

450

ST510a

3623

M126221

12

M127813

611

M127904

3000

16x

DAS  
31  
9-89

QS200-M44S

Purchased

No

160

Each

17.0000

2

\*QS200-M44S\*

CLAMP

\*\*

DAS  
28  
9-89

## Location

## Loc Qty

## Loc Code

ST453

17

119436

1

123627

6

125957

10

2x

DAS  
31  
9-89

DAS  
06  
9-89

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Shop Packet Print

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# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-559 REV. K OR EARLIER AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-559 REV. 2 OR EARLIER  
REF. TCCA STC: SH92-17  
REF. FAA STC: SH1031NE

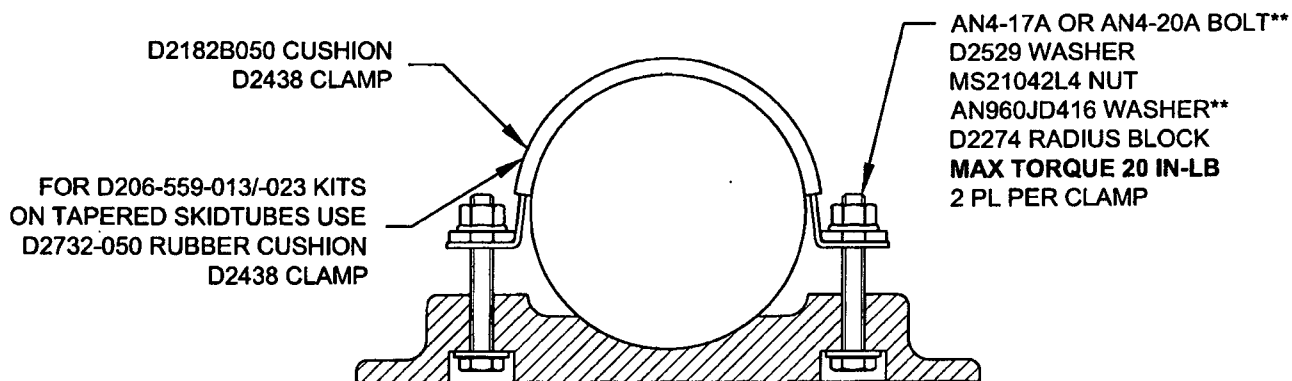
## PURPOSE:

For D206-559-011/-013/-021/-023/-031/-033 bearpaw kits, the AN4 bolts specified were for installation with the aft skidtube wearshoe removed. Bolt lengths are increased to accommodate installation with the skidtube wearshoe installed, which is more practical.

## CHANGE:

The parts list is updated as shown on sheet 2 of this service instruction, for bearpaw kits: D206-559-011 at CHG 007, D206-669-013 at CHG 006, D206-559-021 at CHG 008, D206-559-023 at CHG 007, D206-559-031 at CHG 002, and D206-559-033 at CHG 002.

Figure 4 of D206-559 and Figure 32-3 of ICA-D206-559 are amended as follows:








\*\*USE AN4-17A BOLTS WITH AN AN960JD416 (OR NAS1149D0463J) WASHER IF INSTALLING BEARPAW ON 3.0" DIA. TUBE OR SMALLER. USE AN4-20A BOLTS WITH TWO AN960JD416 WASHERS IF INSTALLING BEARPAW ON TUBE LARGER THAN 3.0" DIAMETER (DART TUBE). ADDITIONAL AN960JD416 WASHERS MAY BE ADDED UNDER NUT TO ENSURE 2-4 THREADS IN SAFETY. IT IS ALSO ACCEPTABLE TO USE LONGER/SHORTER AN4 BOLTS IF REQUIRED TO ENSURE BEARPAW IS HELD SECURELY.

**FIGURE 4: TYPICAL CLAMPING DETAIL (D206-559)**  
**FIGURE 32-3: TYPICAL CLAMPING DETAIL (ICA-D206-559)**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY: *[Signature]*  
D. SHEPHERD (DE # 02)  
DATE: 10.06.30  
CERT. NO.: SH92-17  
ISSUE NO.: 7

A	NEW ISSUE	CP	10.06.30
REV.	DESCRIPTION	BY	DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9527	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BOLT CHANGE	NTS
DATE	10.06.30	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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




5.0 PARTS LIST (D206-559 REV. K)  
32.7 PARTS LIST (ICA-D205-559 REV. 2)

Qty -011	Qty -013	Qty -021	Qty -023	Qty -031	Qty -033	Qty -113	Part Number	Description
X							D206-559-011	Bearpaw Kit 206 A/B
	X						D206-559-013	Bearpaw Kit 206 L/L1/L3/L4/407
		X					D206-559-021	Narrow Bearpaw Kit 206 A/B
			X				D206-559-023	Narrow Bearpaw Kit 206 L/L1/L3/L4/407
				X			D206-559-031	Wearplate Kit
					X		D206-559-033	Wearplate Kit
						X	D407-559-113	Large Bearpaw Kit 206 L/L1/L3/L4/407
4	6	4	6				D2182B050	RUBBER CUSHION
8	12	8	12			20	D2274	RADIUS BLOCK
2							D2435	19" X 16" BEARPAW
	2						D2432F	19" X 24" BEARPAW
		2					D2671	13" X 16" BEARPAW
			2				D2672F	13" X 24" BEARPAW
4	6	4	6				D2438	CLAMP
8	12	8	12				D2529	WASHER
	6		6				D2732-050	RUBBER CUSHION
						2	D3456-1	WASHER
					2		D3859-041	WEARPLATE
				2			D3860-041	WEARPLATE
						2	D4010-041	BEARPAW ASSEMBLY
						8	D4011-1	CLAMP, SHORT
						2	D4011-3	CLAMP, LONG
						8	D4011-5	CLAMP, SHORT (OEM)
						10	D4012-1	CUSHION
						2	AN4C10A	BOLT
8	12	8	12	8	12		AN4-17A	BOLT
8	12	8	12	8	12		AN4-20A	BOLT (WAS AN4-15A)
						4	AN4C13A	BOLT
						8	AN4C15A	BOLT
						8	AN4C17A	BOLT
16	24	16	24				AN960JD416	WASHER (OR NAS1149D0463J)
8	12	8	12	8	12		MS21042L4	NUT (OR MS21042-4)
						20	MS21043-4	NUT
				8	12		NAS1149D0463J	WASHER (OR AN960JD416)
2		2					QS200M44S	CLAMP

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY:   
D. SHEPHERD (DE # 02)

DATE: 10.06.30  
CERT. NO.: SH92-17  
ISSUE NO.: 7

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9527	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BOLT CHANGE	NTS
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MAR 13 2014

D206-559

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## 5.0 PARTS LIST

DAS  
06  
9-89

## REFERENCE ONLY

Qty -011	Qty -013	Qty -021	Qty -023	Qty -031	Qty -033	Qty -113	Part Number	Description
X							D206-559-011	Bearpaw Kit 206 A/B
	X						D206-559-013	Bearpaw Kit 206 L/L1/L3/L4/407
		X					D206-559-021	Narrow Bearpaw Kit 206 A/B
			X				D206-559-023	Narrow Bearpaw Kit 206 L/L1/L3/L4/407
				X			D206-559-031	Wearplate Kit
					X		D206-559-033	Wearplate Kit
						X	D407-559-113	Large Bearpaw Kit 206 L/L1/L3/L4/407
<del>8</del>	6	4	6				<del>D2182B050</del>	RUBBER CUSHION
<del>8</del>	12	8	12			16	<del>D2274</del>	RADIUS BLOCK
<del>2</del>							D2435	19" X 16" BEARPAW
	2						D2432F	19" X 24" BEARPAW
		2					D2671	13" X 16" BEARPAW
			2				D2672F	13" X 24" BEARPAW
<del>4</del>	6	4	6				D2438	CLAMP
<del>8</del>	12	8	12				D2529	WASHER
	6		6				D2732-050	RUBBER CUSHION
						8	D3456-1	WASHER
					2		D3859-041	WEARPLATE
				2			D3860-041	WEARPLATE
						8	D4011-1	CLAMP, SHORT
						8	D4011-5	CLAMP, SHORT (OEM)
						8	D4012-1	CUSHION
						2	D4355-1	BEARPAW
						2	D4360-041	WEARPLATE ASSEMBLY
						8	AN4C11A	BOLT
<del>8</del>	12	8	12	8	12		AN4-17A	BOLT
<del>8</del>	12	8	12	8	12		AN4-20A	BOLT
						16	AN4C20A	BOLT
						16	AN4C21A	BOLT
<del>16</del>	24	16	24	8	12	16	NAS1149D0463J	WASHER (OR AN960JD416)
<del>8</del>	12	8	12	8	12		MS21042L4	NUT (OR MS21042-4)
						24	MS21043-4	NUT
<del>2</del>		2					QS200M44S	CLAMP

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Revision: L  
 Date: 11.04.08